

Please add the following new claims 27-69:

--27. A control memory in which is stored a program for controlling an image sensing apparatus to perform the steps of: illuminating an image by a plurality of light sources which emit light with different wavelengths thereby sensing said image; and turning on and turning off a predetermined light source of said plurality of light sources during a period in which no sensing operation is performed.

28. A control memory according to claim 27, wherein the program first turns on a light source at the beginning of an image sensing operation and turns on the light source during a period in which no image sensing operation is performed.

29. A control memory according to claim 27, wherein the program, during a period in which no image sensing operation is performed, turns on a light source which needs a long time to turn on.

30. A control memory according to claim 27,
wherein said program sequentially turns on a plurality of
light sources during a period in which an image sensing
operation is performed and turns on all the light sources
during a period in which no image sensing operation is
performed.

31. A control memory according to claim 30,
wherein said program sequentially turns on said plurality of
light sources for sensing an image in a color mode.

32. A control memory according to claim 30,
wherein said program sequentially turns on said plurality of
light sources for sensing an image in a monochrome mode.

33. A control memory according to claim 27,
wherein said program turns on said plurality of light sources
during both a period in which an image sensing operation is
performed and a period in which no image sensing operation is
performed.

34. A control memory according to claim 33,
wherein said program turns on said plurality of light sources
at the same time thereby sensing an image in a monochrome
mode.

35. A control memory according to claim 27,
wherein said program turns on a part of said plurality of
light sources during a period in which an image sensing
operation is performed and turns on the same light source as
part of the light sources which is turned on during said
period in which an image sensing operation is performed and
also during a period in which no image sensing operation is
performed.

36. A control memory according to claim 35,
wherein said program turns on a part of said plurality of
light sources thereby sensing an image in a monochrome mode.

37. A control memory according to claim 27,
wherein said memory is arranged to control light sources
which include a light emitting diode.

38. A control memory according to claim 27,
wherein said memory is arranged to control light sources
which include light sources which emit light with wavelengths
corresponding to red, green and blue.

39. A control memory according to claim 27,
wherein said memory is arranged to control light sources
which emit light with wavelengths corresponding to yellow,
cyan and magenta.

40. An image sensing apparatus comprising:
a plurality of light sources for emitting light
with different wavelengths;
image sensing means for sensing an image
illuminated by said light sources and outputting an image
signal; and
light source controlling means for controlling said
plurality of light sources so that a predetermined light
source of said plurality of light sources is turned on and
another light source of said plurality of light sources is
turned off during a period in which no image sensing
operation is performed by said image sensing means.

41. An apparatus according to claim 40, wherein said light source controlling means controls the light sources so that a light source which is turned on first in an image sensing operation performed by said image sensing means is turned on during a period in which no image sensing operation is performed.

42. An apparatus according to claim 40, wherein said light source controlling means controls the light sources so that a light source which needs a long time to turn on is turned on during a period in which no image sensing operation is performed.

43. An apparatus according to claim 40, wherein said light source controlling means turns on said plurality of light sources during both a period in which an image sensing operation is performed by said image sensing means and a period in which no image sensing operation is performed.

44. An apparatus according to claim 43, wherein said light source controlling means turns on said plurality of light sources at the same time so that said image sensing means may sense an image in a monochromatic mode.

45. An apparatus according to claim 40, wherein said light source control means controls the light sources so that a part of said plurality of light sources is turned on during a period in which an image sensing operation is performed by said image sensing means, and the same light source as said part of said light sources which is turned on during said period in which an image sensing operation is performed is turned on also during a period in which no image sensing operation is performed.

46. An apparatus according to claim 45, wherein said light source controlling means turns on a part of said plurality of light sources so that said image sensing means may sense an image in a monochrome mode.

47. An apparatus according to claim 40, wherein said light sources include a light emitting diode.

49. An apparatus according to claim 40, wherein
said light sources include light sources which emit light
with wavelengths corresponding to red, green and blue.

49. An apparatus according to claim 40, wherein
said light sources include light sources which emit light
with wavelengths corresponding to yellow, cyan and magenta.

50. An image sensing method comprising the steps
of:

providing a plurality of light sources for emitting
light with different wavelengths;

sensing an image illuminated by said light sources
and outputting an image signal; and

controlling said plurality of light sources so that
a predetermined light source of said plurality of light
sources is turned on and another light source of said
plurality of light sources is turned off during a period in
which no image sensing operation is performed by said image
sensing means.

51. A method according to claim 50, including the step of controlling the light sources so that a light source which is turned on first in an image sensing operation performed by said image sensing means is turned on during a period in which no image sensing operation is performed.

52. A method according to claim 50, including the step of controlling the light sources so that a light source which needs a long time to turn on is turned on during a period in which no image sensing operation is performed.

53. A method according to claim 50, including the step of turning on said plurality of light sources during both a period in which an image sensing operation is performed by said image sensing means and a period in which no image sensing operation is performed.

54. A method according to claim 53, including the step of turning on said plurality of light sources at the same time so that said image sensing means may sense an image in a monochromatic mode.

55. A method according to claim 50, including the step of controlling the light sources so that a part of said plurality of light sources is turned on during a period in which an image sensing operation is performed by said image sensing means, and the same light source as said part of said light sources which is turned on during said period in which an image sensing operation is performed is turned on also during a period in which no image sensing operation is performed.

56. A method according to claim 55, including the step of turning on a part of said plurality of light sources so that said image sensing means may sense an image in a monochrome mode.

57. A method according to claim 50, wherein said light sources include a light emitting diode.

58. A method according to claim 50 wherein said light sources include light sources which emit light with wavelengths corresponding to red, green and blue.

59. A method according to claim 50, wherein said light sources include light sources which emit light with wavelengths corresponding to yellow, cyan and magenta.

60. A control memory in which is stored a program for carrying out an image sensing operation comprising the steps of:

providing a plurality of light sources for emitting light with different wavelengths;

sensing an image illuminated by said light sources and outputting an image signal; and

controlling said plurality of light sources so that a predetermined light source of said plurality of light sources is turned on and another light source of said plurality of light sources is turned off during a period in which no image sensing operation is performed by said image sensing means.

61. A control memory according to claim 60, wherein the program carries out the step of controlling the light sources so that a light source which is turned on first in an image sensing operation performed by said image sensing

means is turned on during a period in which no image sensing operation is performed.

62. A control memory according to claim 60, wherein the program carries out the step of controlling the light sources so that a light source which needs a long time to turn on is turned on during a period in which no image sensing operation is performed.

63. A control memory according to claim 60, wherein the program carries out the step of turning on said plurality of light sources during both a period in which an image sensing operation is performed by said image sensing means and a period in which no image sensing operation is performed.

64. A control memory according to claim 63, wherein the program carries out the step of turning on said plurality of light sources at the same time so that said image sensing means may sense an image in a monochromatic mode.

65. A control memory according to claim 60,
wherein the program carries out the step of controlling the
light sources so that a part of said plurality of light
sources is turned on during a period in which an image
sensing operation is performed by said image sensing means,
and the same light source as said part of said light sources
which is turned on during said period in which an image
sensing operation is performed is turned on also during a
period in which no image sensing operation is performed.

66. A control memory according to claim 65,
wherein the program carries out the step of turning on a part
of said plurality of light sources so that said image sensing
means may sense an image in a monochrome mode.

67. A control memory according to claim 60,
wherein the program is arranged to control light sources
which include a light emitting diode.

68. A control memory according to claim 60,
wherein the program is arranged to control light sources
which include light sources which emit light with wavelengths
corresponding to red, green and blue.